

ABSTRACT OF THE DISCLOSURE

A wire-stranded hollow coil body (1) has a multitude of coil line elements (2) stranded along a predetermined circular line to form a flexible wire tube having a central axial hollow portion (3), the flexible wire tube is stranded under a strand-turn resistant load and heat treated to remove a residual stress upon formation so as to provide a high rotation-following capability and a high straightness. Further, a method provides a way to strand the coil line elements (2) under a strand-turn resistant load while heat treating the coil line elements (2).